

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: CORELITE

Report Number: P571944

Luminaire Tested: 22ID-40-L830-SWD

Issue Date: 10/5/2021

Test Information

Test Method: LM-79-2019
Report Number: P571944
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2109-397-2)
Test Lab: INNOVATION CENTER
Issue Date: 10/5/2021
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22ID-40-L830-SWD
Description: 4000 LUMEN, 2X2 INDEPTH TROFFER WITH 2IN DROPPED SWEEP LENS AND 3000K, 80 CRI LEDS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3910.9 lumens
Efficiency: N/A
Efficacy: 120.3 lumens/watt
Spacing Criteria (0/90/45): 1.3 / 1.21 / 1.35
Luminous Opening: Rectangular w/ Sides (W: 2' x L: 2' x H: 0.17')
CIE Type: Direct

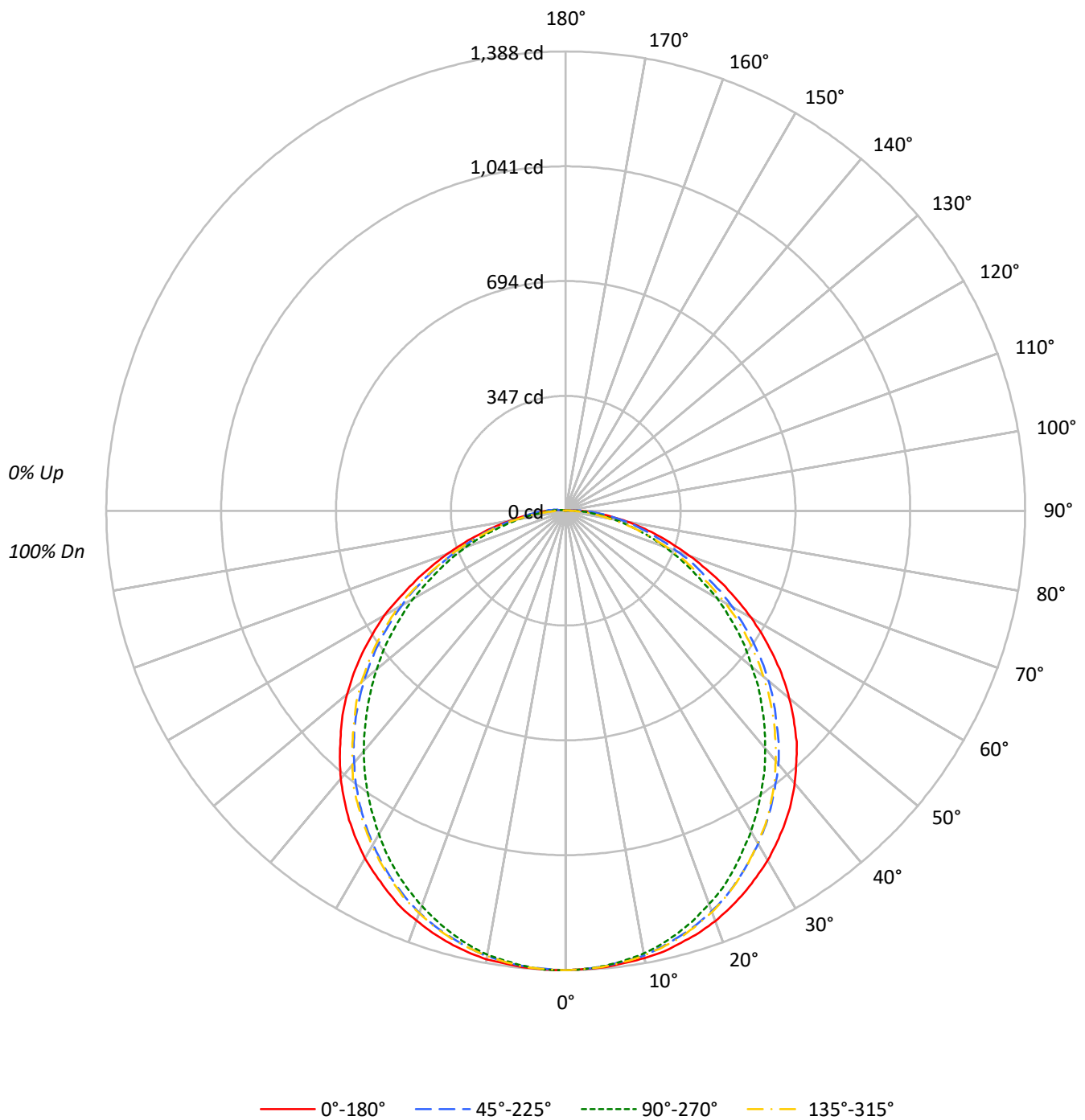
Input Watts (W): 32.5
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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CATALOG NUMBER: 22ID-40-L830-SWD

Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	108	104	99	95	106	101	97	94	97	94	91		93	90	88		89
2	99	90	83	78	96	88	82	77	85	79	75		81	77	73		78
3	90	79	71	65	87	78	70	64	75	68	63		72	66	62		69
4	82	70	62	55	80	69	61	54	66	59	54		64	58	53		62
5	76	63	54	47	74	62	53	47	60	52	46		57	51	46		56
6	70	57	48	41	68	56	47	41	54	46	41		52	45	40		50
7	65	51	43	36	63	51	42	36	49	41	36		47	41	36		46
8	60	47	38	32	59	46	38	32	45	37	32		43	37	32		42
9	56	43	35	29	55	42	35	29	41	34	29		40	34	29		39
10	53	40	32	27	52	39	32	26	38	31	26		37	31	26		36

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	3736	3736	3736	3736
5°	3713	3702	3718	3707
10°	3697	3660	3707	3670
15°	3682	3597	3688	3608
20°	3669	3517	3664	3534
25°	3645	3427	3634	3450
30°	3619	3318	3596	3347
35°	3583	3202	3541	3238
40°	3534	3079	3470	3118
45°	3466	2946	3377	2980
50°	3357	2792	3282	2837
55°	3221	2657	3147	2682
60°	3045	2485	2971	2503
65°	2823	2243	2697	2275
70°	2547	2035	2422	2047
75°	2273	1794	2103	1732
80°	1970	1497	1765	1456
85°	1572	1202	1480	1202

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3466 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	131.4	3.4
10°-20°	377.0	9.6
20°-30°	569.6	14.6
30°-40°	681.3	17.4
40°-50°	697.0	17.8
50°-60°	616.9	15.8
60°-70°	457.0	11.7
70°-80°	263.4	6.7
80°-90°	97.8	2.5
90°-100°	17.9	0.5
100°-110°	1.4	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1078.1	27.6
0°-40°	1759.4	45.0
0°-60°	3073.3	78.6
0°-90°	3891.6	99.5
90°-120°	19.3	0.5
90°-150°	19.3	0.5
90°-180°	19.0	0.5
0°-180°	3910.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1388	1388	1388	1388	1388	
5°	1384	1381	1386	1382	1384	132
15°	1351	1320	1353	1324	1351	382
25°	1275	1199	1271	1207	1275	588
35°	1154	1032	1141	1043	1154	722
45°	987	838	961	848	987	759
55°	768	634	751	640	768	686
65°	523	415	499	421	523	516
75°	287	226	265	218	287	305
85°	99	76	94	76	99	100
90°	39	27	53	41	39	22
95°	6	4	27	23	6	4
105°	0	0	4	4	0	0
115°	0	0	0	0	0	0
125°	0	0	0	0	0	0
135°	0	0	0	0	0	0
145°	0	0	0	0	0	0
155°	0	0	0	0	0	0
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	0

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4
2.5°	1386.4	1388.4	1386.4	1386.4	1386.4	1386.4	1384.5	1384.5	1386.4	1386.4	1386.4
5°	1384.5	1384.5	1382.5	1382.5	1382.5	1382.5	1380.6	1380.6	1382.5	1382.5	1380.6
7.5°	1378.6	1378.6	1378.6	1376.7	1374.7	1376.7	1374.7	1374.7	1374.7	1374.7	1372.8
10°	1372.8	1372.8	1372.8	1372.8	1368.9	1368.9	1366.9	1366.9	1365.0	1365.0	1365.0
12.5°	1365.0	1365.0	1363.0	1361.1	1359.1	1359.1	1357.2	1355.2	1353.3	1351.3	1349.4
15°	1351.3	1351.3	1351.3	1347.4	1345.5	1343.5	1343.5	1341.6	1337.7	1335.7	1331.8
17.5°	1337.7	1337.7	1335.7	1331.8	1329.9	1327.9	1326.0	1324.0	1320.1	1316.2	1312.3
20°	1320.1	1320.1	1318.2	1314.3	1310.4	1308.4	1308.4	1304.5	1296.7	1292.8	1288.9
22.5°	1298.7	1300.6	1298.7	1294.8	1290.9	1287.0	1287.0	1279.2	1273.3	1269.4	1263.6
25°	1275.3	1275.3	1273.3	1269.4	1263.6	1259.7	1259.7	1249.9	1246.0	1240.2	1230.4
27.5°	1248.0	1248.0	1246.0	1242.1	1238.2	1232.4	1230.4	1220.7	1214.8	1209.0	1197.3
30°	1220.7	1218.7	1218.7	1210.9	1207.0	1201.2	1199.2	1187.5	1181.7	1173.9	1162.2
32.5°	1187.5	1187.5	1187.5	1177.8	1173.9	1168.0	1166.1	1154.4	1146.6	1136.8	1125.1
35°	1154.4	1152.4	1148.5	1142.7	1136.8	1131.0	1129.0	1117.3	1109.5	1097.8	1084.2
37.5°	1117.3	1113.4	1111.5	1105.6	1099.8	1090.0	1090.0	1078.3	1068.6	1056.9	1041.3
40°	1076.4	1072.5	1070.5	1062.7	1056.9	1049.1	1047.1	1035.4	1021.8	1012.0	1000.3
42.5°	1031.5	1027.6	1023.7	1021.8	1012.0	1004.2	1002.3	988.6	975.0	965.2	953.5
45°	986.7	980.8	976.9	973.0	963.3	955.5	953.5	937.9	926.2	916.5	898.9
47.5°	934.0	930.1	924.3	916.5	912.6	902.8	902.8	887.2	875.5	863.8	852.1
50°	881.4	875.5	871.6	863.8	858.0	850.2	844.3	834.6	822.9	811.2	799.5
52.5°	826.8	820.9	819.0	813.1	803.4	795.6	789.7	781.9	768.3	756.6	746.8
55°	768.3	766.3	758.5	756.6	746.8	739.0	735.1	723.4	711.7	702.0	690.3
57.5°	707.8	702.0	702.0	696.1	688.3	678.6	678.6	664.9	655.2	645.4	633.7
60°	647.4	643.5	643.5	633.7	629.8	622.0	622.0	606.4	598.6	588.9	581.1
62.5°	583.0	586.9	577.2	577.2	569.4	563.5	561.6	551.8	542.1	534.3	526.5
65°	522.6	524.5	518.7	516.7	505.0	499.2	497.2	489.4	481.6	473.8	462.1
67.5°	458.2	460.2	458.2	454.3	448.5	442.6	440.7	432.9	427.0	419.2	415.3
70°	397.8	397.8	399.7	397.8	391.9	388.0	388.0	378.3	372.4	366.6	356.8
72.5°	341.2	345.1	343.2	343.2	337.3	333.4	333.4	325.6	321.7	315.9	308.1
75°	286.6	288.6	290.5	288.6	284.7	282.7	280.8	276.9	273.0	269.1	261.3
77.5°	235.9	237.9	237.9	237.9	235.9	235.9	232.0	228.1	226.2	224.2	218.4
80°	187.2	189.1	191.1	191.1	189.1	187.2	187.2	185.2	185.2	183.3	181.3
82.5°	140.4	144.3	146.2	148.2	148.2	150.1	148.2	146.2	146.2	144.3	142.3
85°	99.4	103.3	107.2	109.2	111.1	111.1	111.1	111.1	111.1	111.1	107.2
87.5°	66.3	70.2	74.1	76.0	78.0	78.0	78.0	78.0	78.0	78.0	76.0
90°	39.0	42.9	44.8	46.8	48.7	46.8	48.7	48.7	50.7	50.7	48.7
92.5°	19.5	21.4	21.4	23.4	23.4	23.4	23.4	23.4	23.4	25.3	23.4
95°	5.8	5.8	7.8	7.8	7.8	7.8	5.8	5.8	3.9	3.9	1.9
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: 22ID-40-L830-SWD

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4
2.5°	1384.5	1384.5	1384.5	1384.5	1384.5	1384.5	1384.5	1386.4	1386.4	1386.4	1386.4
5°	1380.6	1380.6	1378.6	1380.6	1380.6	1378.6	1380.6	1380.6	1380.6	1380.6	1382.5
7.5°	1372.8	1372.8	1370.8	1370.8	1370.8	1370.8	1370.8	1368.9	1370.8	1370.8	1370.8
10°	1361.1	1361.1	1359.1	1359.1	1359.1	1359.1	1357.2	1357.2	1359.1	1359.1	1359.1
12.5°	1347.4	1345.5	1343.5	1343.5	1341.6	1341.6	1341.6	1341.6	1341.6	1341.6	1341.6
15°	1329.9	1327.9	1326.0	1324.0	1324.0	1324.0	1320.1	1322.1	1320.1	1320.1	1322.1
17.5°	1310.4	1306.5	1302.6	1300.6	1300.6	1300.6	1296.7	1296.7	1294.8	1294.8	1296.7
20°	1283.1	1281.1	1275.3	1273.3	1273.3	1271.4	1267.5	1267.5	1267.5	1265.5	1269.4
22.5°	1257.7	1253.8	1246.0	1244.1	1244.1	1242.1	1236.3	1236.3	1236.3	1236.3	1236.3
25°	1224.6	1220.7	1214.8	1209.0	1209.0	1207.0	1201.2	1201.2	1199.2	1199.2	1201.2
27.5°	1189.5	1185.6	1177.8	1171.9	1171.9	1170.0	1164.1	1164.1	1160.2	1158.3	1162.2
30°	1152.4	1148.5	1140.7	1134.9	1132.9	1131.0	1125.1	1125.1	1119.3	1119.3	1123.2
32.5°	1119.3	1109.5	1099.8	1093.9	1092.0	1090.0	1084.2	1082.2	1078.3	1076.4	1078.3
35°	1078.3	1064.7	1058.8	1051.0	1049.1	1047.1	1041.3	1035.4	1033.5	1031.5	1033.5
37.5°	1035.4	1021.8	1014.0	1006.2	1004.2	1000.3	992.5	988.6	986.7	986.7	988.6
40°	984.7	976.9	967.2	957.4	955.5	953.5	945.7	943.8	939.9	937.9	941.8
42.5°	937.9	928.2	918.4	908.7	908.7	906.7	898.9	895.0	891.1	889.2	891.1
45°	887.2	877.5	867.7	859.9	858.0	852.1	848.2	844.3	840.4	838.5	840.4
47.5°	834.6	824.8	817.0	807.3	805.3	803.4	797.5	793.6	787.8	789.7	789.7
50°	783.9	774.1	764.4	756.6	752.7	746.8	746.8	742.9	735.1	733.2	737.1
52.5°	731.2	721.5	711.7	703.9	702.0	696.1	690.3	688.3	684.4	686.4	684.4
55°	678.6	666.9	657.1	651.3	647.4	643.5	639.6	635.7	629.8	633.7	633.7
57.5°	620.1	610.3	604.5	596.7	594.7	592.8	585.0	583.0	577.2	579.1	577.2
60°	567.4	557.7	551.8	544.0	542.1	536.2	532.3	530.4	524.5	528.4	524.5
62.5°	516.7	501.1	493.3	485.5	485.5	481.6	477.7	473.8	468.0	466.0	466.0
65°	458.2	448.5	442.6	434.8	434.8	430.9	427.0	423.1	417.3	415.3	419.2
67.5°	405.6	399.7	390.0	384.1	384.1	380.2	376.3	374.4	368.5	366.6	368.5
70°	356.8	351.0	341.2	335.4	335.4	333.4	327.6	325.6	319.8	317.8	315.9
72.5°	308.1	298.3	294.4	288.6	288.6	286.6	280.8	278.8	273.0	271.0	269.1
75°	259.3	255.4	247.6	243.7	245.7	239.8	237.9	234.0	228.1	226.2	226.2
77.5°	214.5	212.5	204.7	200.8	200.8	196.9	195.0	191.1	189.1	185.2	183.3
80°	175.5	173.5	165.7	161.8	161.8	157.9	154.0	152.1	146.2	142.3	142.3
82.5°	140.4	136.5	130.6	126.7	124.8	122.8	118.9	115.0	109.2	107.2	103.3
85°	105.3	103.3	97.5	95.5	91.6	91.6	87.7	83.8	78.0	76.0	74.1
87.5°	74.1	74.1	68.2	66.3	64.3	62.4	58.5	56.5	50.7	48.7	44.8
90°	46.8	46.8	42.9	40.9	39.0	37.0	35.1	33.1	29.2	27.3	23.4
92.5°	21.4	21.4	19.5	17.5	17.5	17.5	15.6	15.6	13.6	11.7	9.7
95°	1.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571944

CATALOG NUMBER: 22ID-40-L830-SWD

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571944

CATALOG NUMBER: 22ID-40-L830-SWD

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4
2.5°	1386.4	1386.4	1384.5	1386.4	1384.5	1384.5	1386.4	1386.4	1386.4	1386.4	1386.4
5°	1382.5	1380.6	1380.6	1380.6	1378.6	1380.6	1382.5	1382.5	1382.5	1382.5	1382.5
7.5°	1370.8	1370.8	1370.8	1370.8	1370.8	1370.8	1372.8	1372.8	1374.7	1374.7	1376.7
10°	1359.1	1359.1	1359.1	1359.1	1359.1	1361.1	1361.1	1365.0	1365.0	1366.9	1368.9
12.5°	1341.6	1341.6	1341.6	1343.5	1343.5	1345.5	1347.4	1349.4	1351.3	1355.2	1355.2
15°	1322.1	1322.1	1322.1	1324.0	1324.0	1326.0	1329.9	1331.8	1335.7	1339.6	1339.6
17.5°	1298.7	1298.7	1296.7	1300.6	1300.6	1302.6	1308.4	1310.4	1314.3	1318.2	1320.1
20°	1269.4	1269.4	1269.4	1273.3	1273.3	1277.2	1281.1	1285.0	1290.9	1296.7	1298.7
22.5°	1238.2	1238.2	1242.1	1244.1	1244.1	1249.9	1253.8	1259.7	1263.6	1269.4	1273.3
25°	1201.2	1205.1	1205.1	1209.0	1212.9	1214.8	1222.6	1226.5	1232.4	1240.2	1244.1
27.5°	1166.1	1168.0	1171.9	1171.9	1175.8	1177.8	1187.5	1189.5	1197.3	1207.0	1210.9
30°	1121.2	1127.1	1127.1	1132.9	1136.8	1140.7	1148.5	1152.4	1160.2	1170.0	1177.8
32.5°	1080.3	1086.1	1090.0	1090.0	1095.9	1099.8	1109.5	1113.4	1123.2	1131.0	1140.7
35°	1037.4	1041.3	1045.2	1047.1	1051.0	1056.9	1066.6	1070.5	1080.3	1090.0	1099.8
37.5°	988.6	996.4	1000.3	1000.3	1004.2	1008.1	1019.8	1025.7	1035.4	1045.2	1054.9
40°	943.8	947.7	951.6	953.5	959.4	961.3	973.0	978.9	986.7	1000.3	1008.1
42.5°	893.1	897.0	902.8	902.8	904.8	916.5	922.3	928.2	937.9	951.6	963.3
45°	842.4	846.3	852.1	854.1	854.1	863.8	871.6	877.5	887.2	900.9	912.6
47.5°	789.7	793.6	799.5	799.5	801.4	811.2	819.0	824.8	834.6	848.2	858.0
50°	739.0	742.9	746.8	746.8	748.8	752.7	764.4	770.2	780.0	793.6	803.4
52.5°	686.4	688.3	694.2	694.2	694.2	702.0	709.8	715.6	725.4	739.0	744.9
55°	631.8	633.7	639.6	641.5	641.5	649.3	655.2	661.0	668.8	678.6	692.2
57.5°	575.2	581.1	585.0	585.0	588.9	592.8	600.6	602.5	616.2	622.0	631.8
60°	524.5	528.4	532.3	532.3	530.4	538.2	544.0	547.9	553.8	567.4	575.2
62.5°	468.0	469.9	473.8	473.8	475.8	479.7	483.6	491.4	493.3	501.1	516.7
65°	417.3	417.3	419.2	421.2	421.2	425.1	429.0	434.8	436.8	442.6	454.3
67.5°	364.6	366.6	368.5	368.5	368.5	370.5	374.4	380.2	382.2	386.1	395.8
70°	313.9	315.9	317.8	317.8	317.8	317.8	321.7	327.6	327.6	331.5	337.3
72.5°	267.1	267.1	269.1	269.1	269.1	269.1	269.1	274.9	273.0	278.8	282.7
75°	222.3	220.3	220.3	222.3	220.3	220.3	220.3	224.2	224.2	224.2	230.1
77.5°	177.4	177.4	175.5	173.5	173.5	173.5	173.5	175.5	177.4	179.4	179.4
80°	136.5	134.5	134.5	132.6	130.6	130.6	128.7	132.6	128.7	134.5	134.5
82.5°	99.4	97.5	95.5	93.6	93.6	91.6	89.7	91.6	91.6	91.6	95.5
85°	68.2	64.3	64.3	60.4	60.4	58.5	58.5	60.4	58.5	60.4	62.4
87.5°	40.9	39.0	37.0	33.1	33.1	33.1	31.2	33.1	33.1	35.1	37.0
90°	19.5	17.5	15.6	15.6	13.6	13.6	13.6	15.6	15.6	17.5	21.4
92.5°	7.8	5.8	5.8	3.9	3.9	3.9	5.8	7.8	9.7	11.7	13.6
95°	1.9	1.9	1.9	1.9	0.0	1.9	1.9	3.9	5.8	7.8	9.7
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.9	3.9	3.9	5.8
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.9	3.9
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571944

CATALOG NUMBER: 22ID-40-L830-SWD

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571944

CATALOG NUMBER: 22ID-40-L830-SWD

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4
2.5°	1386.4	1386.4	1386.4	1386.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4
5°	1382.5	1384.5	1384.5	1384.5	1384.5	1386.4	1386.4	1386.4	1386.4	1386.4	1384.5
7.5°	1376.7	1378.6	1378.6	1378.6	1378.6	1380.6	1380.6	1380.6	1380.6	1380.6	1378.6
10°	1368.9	1368.9	1370.8	1372.8	1372.8	1374.7	1374.7	1376.7	1374.7	1374.7	1372.8
12.5°	1357.2	1359.1	1361.1	1361.1	1363.0	1365.0	1365.0	1366.9	1365.0	1365.0	1363.0
15°	1343.5	1345.5	1347.4	1349.4	1351.3	1351.3	1353.3	1353.3	1351.3	1351.3	1349.4
17.5°	1326.0	1327.9	1329.9	1331.8	1335.7	1335.7	1337.7	1337.7	1337.7	1335.7	1333.8
20°	1302.6	1306.5	1310.4	1312.3	1314.3	1318.2	1318.2	1318.2	1318.2	1318.2	1316.2
22.5°	1279.2	1283.1	1287.0	1288.9	1294.8	1296.7	1296.7	1298.7	1298.7	1296.7	1294.8
25°	1249.9	1255.8	1259.7	1261.6	1267.5	1269.4	1271.4	1271.4	1269.4	1269.4	1265.5
27.5°	1220.7	1228.5	1228.5	1232.4	1238.2	1238.2	1244.1	1242.1	1244.1	1240.2	1236.3
30°	1185.6	1193.4	1195.3	1199.2	1203.1	1207.0	1212.9	1212.9	1214.8	1209.0	1205.1
32.5°	1150.5	1158.3	1160.2	1164.1	1168.0	1171.9	1177.8	1177.8	1179.7	1175.8	1171.9
35°	1105.6	1119.3	1121.2	1125.1	1131.0	1134.9	1140.7	1140.7	1142.7	1140.7	1132.9
37.5°	1062.7	1076.4	1078.3	1084.2	1092.0	1095.9	1099.8	1099.8	1103.7	1097.8	1093.9
40°	1021.8	1031.5	1033.5	1039.3	1049.1	1049.1	1056.9	1056.9	1054.9	1054.9	1049.1
42.5°	973.0	982.8	986.7	992.5	1000.3	1008.1	1012.0	1010.1	1010.1	1014.0	1008.1
45°	922.3	934.0	936.0	941.8	949.6	957.4	963.3	961.3	961.3	963.3	955.5
47.5°	869.7	879.4	881.4	889.2	897.0	900.9	910.6	914.5	910.6	912.6	904.8
50°	811.2	824.8	828.7	834.6	844.3	848.2	858.0	861.9	858.0	856.0	850.2
52.5°	760.5	772.2	772.2	780.0	787.8	797.5	803.4	807.3	803.4	801.4	801.4
55°	702.0	713.7	715.6	719.5	729.3	739.0	744.9	750.7	746.8	748.8	744.9
57.5°	643.5	653.2	655.2	661.0	668.8	680.5	684.4	690.3	690.3	688.3	680.5
60°	585.0	594.7	596.7	602.5	608.4	616.2	625.9	631.8	627.9	629.8	620.1
62.5°	526.5	534.3	538.2	540.1	549.9	559.6	563.5	563.5	571.3	569.4	561.6
65°	462.1	469.9	471.9	475.8	483.6	493.3	499.2	499.2	503.1	503.1	495.3
67.5°	403.6	411.4	413.4	415.3	423.1	434.8	436.8	438.7	440.7	440.7	434.8
70°	345.1	352.9	354.9	358.8	362.7	374.4	376.3	378.3	384.1	382.2	376.3
72.5°	290.5	296.4	298.3	300.3	304.2	315.9	317.8	319.8	325.6	325.6	325.6
75°	235.9	241.8	243.7	243.7	249.6	259.3	263.2	265.2	269.1	271.0	271.0
77.5°	185.2	189.1	189.1	191.1	196.9	206.7	210.6	214.5	216.4	218.4	220.3
80°	138.4	142.3	144.3	146.2	150.1	157.9	161.8	167.7	169.6	171.6	173.5
82.5°	97.5	101.4	101.4	105.3	109.2	117.0	120.9	126.7	128.7	132.6	134.5
85°	64.3	70.2	72.1	72.1	78.0	83.8	89.7	93.6	97.5	99.4	103.3
87.5°	40.9	44.8	48.7	50.7	54.6	60.4	64.3	68.2	72.1	76.0	79.9
90°	25.3	29.2	31.2	35.1	39.0	42.9	46.8	52.6	54.6	58.5	62.4
92.5°	17.5	21.4	23.4	23.4	27.3	31.2	35.1	39.0	40.9	42.9	44.8
95°	11.7	15.6	15.6	17.5	19.5	23.4	25.3	27.3	29.2	29.2	29.2
97.5°	7.8	9.7	11.7	11.7	13.6	15.6	17.5	17.5	19.5	19.5	19.5
100°	3.9	5.8	5.8	7.8	7.8	9.7	11.7	11.7	11.7	11.7	11.7
102.5°	1.9	3.9	3.9	3.9	5.8	5.8	5.8	7.8	7.8	7.8	7.8
105°	0.0	1.9	1.9	1.9	1.9	3.9	3.9	3.9	3.9	3.9	3.9
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.9	1.9	1.9	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571944

CATALOG NUMBER: 22ID-40-L830-SWD

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571944

CATALOG NUMBER: 22ID-40-L830-SWD

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4
2.5°	1386.4	1386.4	1386.4	1386.4	1386.4	1386.4	1386.4	1386.4	1386.4	1386.4	1386.4
5°	1384.5	1382.5	1382.5	1382.5	1382.5	1382.5	1382.5	1382.5	1382.5	1382.5	1382.5
7.5°	1378.6	1378.6	1378.6	1376.7	1376.7	1376.7	1376.7	1374.7	1374.7	1372.8	1372.8
10°	1372.8	1370.8	1370.8	1368.9	1368.9	1368.9	1366.9	1366.9	1365.0	1363.0	1363.0
12.5°	1361.1	1361.1	1359.1	1359.1	1357.2	1355.2	1353.3	1351.3	1349.4	1349.4	1345.5
15°	1347.4	1345.5	1345.5	1341.6	1341.6	1339.6	1335.7	1333.8	1331.8	1329.9	1326.0
17.5°	1331.8	1327.9	1327.9	1326.0	1324.0	1320.1	1316.2	1314.3	1310.4	1308.4	1306.5
20°	1312.3	1310.4	1310.4	1304.5	1300.6	1296.7	1292.8	1288.9	1287.0	1281.1	1277.2
22.5°	1290.9	1287.0	1287.0	1283.1	1277.2	1273.3	1265.5	1261.6	1257.7	1251.9	1248.0
25°	1261.6	1257.7	1257.7	1251.9	1246.0	1242.1	1234.3	1228.5	1222.6	1216.8	1216.8
27.5°	1232.4	1228.5	1226.5	1220.7	1214.8	1209.0	1201.2	1193.4	1189.5	1183.6	1179.7
30°	1199.2	1195.3	1195.3	1187.5	1181.7	1173.9	1164.1	1156.3	1148.5	1144.6	1140.7
32.5°	1166.1	1164.1	1158.3	1152.4	1144.6	1136.8	1125.1	1117.3	1109.5	1103.7	1099.8
35°	1129.0	1127.1	1121.2	1115.4	1105.6	1095.9	1084.2	1076.4	1068.6	1062.7	1056.9
37.5°	1088.1	1086.1	1080.3	1070.5	1064.7	1053.0	1041.3	1031.5	1025.7	1017.9	1010.1
40°	1045.2	1041.3	1035.4	1027.6	1019.8	1008.1	994.5	986.7	978.9	971.1	963.3
42.5°	998.4	996.4	990.6	978.9	971.1	961.3	947.7	937.9	930.1	920.4	916.5
45°	949.6	949.6	943.8	934.0	922.3	910.6	898.9	889.2	879.4	871.6	863.8
47.5°	898.9	898.9	891.1	883.3	871.6	859.9	846.3	836.5	826.8	820.9	813.1
50°	846.3	844.3	840.4	826.8	819.0	807.3	793.6	785.8	776.1	768.3	760.5
52.5°	791.7	789.7	785.8	772.2	764.4	752.7	739.0	731.2	723.4	713.7	707.8
55°	735.1	733.2	725.4	721.5	707.8	698.1	684.4	678.6	666.9	659.1	653.2
57.5°	674.7	674.7	668.8	661.0	649.3	639.6	627.9	620.1	610.3	604.5	598.6
60°	616.2	616.2	612.3	602.5	592.8	583.0	571.3	565.5	555.7	551.8	546.0
62.5°	557.7	557.7	549.9	544.0	534.3	524.5	514.8	501.1	495.3	489.4	485.5
65°	491.4	491.4	483.6	481.6	471.9	462.1	454.3	450.4	442.6	436.8	430.9
67.5°	432.9	432.9	425.1	423.1	415.3	407.5	397.8	395.8	386.1	384.1	378.3
70°	374.4	376.3	370.5	364.6	358.8	352.9	345.1	339.3	333.4	331.5	327.6
72.5°	317.8	315.9	315.9	312.0	306.1	300.3	294.4	290.5	284.7	282.7	278.8
75°	265.2	263.2	261.3	261.3	255.4	249.6	245.7	243.7	237.9	234.0	232.0
77.5°	214.5	216.4	216.4	212.5	208.6	204.7	202.8	198.9	193.0	191.1	189.1
80°	169.6	171.6	171.6	167.7	165.7	161.8	157.9	157.9	152.1	152.1	150.1
82.5°	130.6	130.6	130.6	130.6	126.7	124.8	124.8	118.9	118.9	117.0	115.0
85°	101.4	101.4	101.4	103.3	101.4	99.4	99.4	95.5	93.6	91.6	89.7
87.5°	81.9	81.9	83.8	83.8	83.8	81.9	81.9	79.9	78.0	74.1	72.1
90°	62.4	64.3	64.3	66.3	66.3	66.3	64.3	62.4	60.4	58.5	56.5
92.5°	46.8	46.8	48.7	48.7	48.7	48.7	48.7	46.8	44.8	44.8	42.9
95°	29.2	31.2	31.2	31.2	33.1	33.1	33.1	33.1	31.2	29.2	29.2
97.5°	19.5	17.5	17.5	17.5	17.5	19.5	19.5	19.5	17.5	17.5	17.5
100°	11.7	9.7	9.7	7.8	7.8	7.8	7.8	7.8	7.8	7.8	9.7
102.5°	5.8	5.8	5.8	3.9	3.9	1.9	1.9	1.9	1.9	3.9	5.8
105°	1.9	1.9	1.9	1.9	0.0	0.0	0.0	0.0	0.0	1.9	1.9
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571944

CATALOG NUMBER: 22ID-40-L830-SWD

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571944

CATALOG NUMBER: 22ID-40-L830-SWD

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4
2.5°	1386.4	1386.4	1386.4	1386.4	1386.4	1388.4	1386.4	1388.4	1386.4	1386.4	1386.4
5°	1382.5	1382.5	1382.5	1382.5	1382.5	1382.5	1382.5	1382.5	1382.5	1382.5	1380.6
7.5°	1372.8	1372.8	1372.8	1372.8	1372.8	1372.8	1372.8	1372.8	1372.8	1372.8	1372.8
10°	1363.0	1363.0	1363.0	1361.1	1363.0	1363.0	1361.1	1363.0	1361.1	1363.0	1363.0
12.5°	1347.4	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1345.5	1347.4
15°	1327.9	1327.9	1326.0	1326.0	1324.0	1324.0	1324.0	1324.0	1326.0	1326.0	1327.9
17.5°	1304.5	1304.5	1304.5	1300.6	1302.6	1298.7	1300.6	1300.6	1302.6	1302.6	1304.5
20°	1277.2	1275.3	1275.3	1273.3	1271.4	1271.4	1273.3	1273.3	1277.2	1277.2	1279.2
22.5°	1248.0	1246.0	1246.0	1242.1	1240.2	1240.2	1242.1	1244.1	1248.0	1246.0	1249.9
25°	1212.9	1210.9	1210.9	1205.1	1209.0	1207.0	1205.1	1209.0	1210.9	1210.9	1214.8
27.5°	1175.8	1173.9	1171.9	1170.0	1170.0	1170.0	1168.0	1168.0	1173.9	1173.9	1177.8
30°	1136.8	1134.9	1132.9	1131.0	1129.0	1129.0	1127.1	1129.0	1132.9	1136.8	1138.8
32.5°	1095.9	1093.9	1088.1	1088.1	1088.1	1086.1	1086.1	1088.1	1092.0	1093.9	1097.8
35°	1051.0	1049.1	1045.2	1041.3	1043.2	1043.2	1041.3	1045.2	1049.1	1054.9	1054.9
37.5°	1006.2	1004.2	1000.3	1000.3	996.4	996.4	994.5	996.4	1004.2	1006.2	1010.1
40°	957.4	957.4	953.5	949.6	949.6	949.6	947.7	949.6	953.5	963.3	963.3
42.5°	910.6	908.7	902.8	900.9	898.9	898.9	898.9	902.8	902.8	914.5	914.5
45°	859.9	858.0	852.1	850.2	850.2	848.2	848.2	852.1	854.1	863.8	863.8
47.5°	807.3	805.3	799.5	799.5	799.5	797.5	795.6	799.5	803.4	811.2	813.1
50°	756.6	752.7	748.8	746.8	744.9	744.9	742.9	748.8	752.7	760.5	758.5
52.5°	702.0	702.0	698.1	694.2	694.2	694.2	692.2	698.1	698.1	705.9	707.8
55°	649.3	645.4	643.5	641.5	639.6	639.6	639.6	643.5	643.5	653.2	653.2
57.5°	592.8	592.8	586.9	586.9	586.9	585.0	585.0	586.9	590.8	598.6	598.6
60°	540.1	540.1	532.3	534.3	532.3	532.3	532.3	534.3	536.2	544.0	544.0
62.5°	481.6	477.7	475.8	473.8	473.8	473.8	475.8	475.8	477.7	485.5	485.5
65°	429.0	425.1	423.1	423.1	421.2	421.2	421.2	423.1	425.1	430.9	430.9
67.5°	376.3	372.4	370.5	370.5	368.5	370.5	370.5	370.5	372.4	378.3	378.3
70°	325.6	323.7	317.8	319.8	317.8	319.8	319.8	317.8	319.8	325.6	325.6
72.5°	276.9	274.9	271.0	271.0	269.1	269.1	267.1	267.1	269.1	274.9	274.9
75°	230.1	226.2	224.2	224.2	222.3	218.4	222.3	220.3	220.3	226.2	226.2
77.5°	189.1	187.2	185.2	181.3	179.4	177.4	177.4	175.5	175.5	179.4	177.4
80°	148.2	144.3	142.3	142.3	140.4	138.4	136.5	134.5	134.5	136.5	136.5
82.5°	113.1	111.1	109.2	109.2	105.3	103.3	103.3	99.4	101.4	99.4	101.4
85°	89.7	85.8	83.8	81.9	79.9	76.0	76.0	72.1	72.1	70.2	70.2
87.5°	70.2	70.2	64.3	62.4	60.4	56.5	52.6	50.7	50.7	46.8	46.8
90°	54.6	54.6	50.7	48.7	44.8	40.9	39.0	35.1	33.1	31.2	29.2
92.5°	40.9	40.9	37.0	35.1	33.1	31.2	29.2	27.3	25.3	21.4	21.4
95°	29.2	27.3	25.3	25.3	23.4	23.4	21.4	19.5	17.5	15.6	15.6
97.5°	17.5	17.5	17.5	17.5	17.5	15.6	13.6	13.6	11.7	9.7	9.7
100°	9.7	9.7	9.7	11.7	9.7	9.7	9.7	7.8	7.8	5.8	5.8
102.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	3.9	3.9
105°	1.9	1.9	1.9	3.9	3.9	3.9	3.9	3.9	1.9	1.9	1.9
107.5°	0.0	0.0	0.0	1.9	1.9	1.9	1.9	1.9	1.9	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571944

CATALOG NUMBER: 22ID-40-L830-SWD

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571944

CATALOG NUMBER: 22ID-40-L830-SWD

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4
2.5°	1386.4	1386.4	1386.4	1386.4	1386.4	1386.4	1386.4	1386.4	1386.4	1386.4	1388.4
5°	1382.5	1382.5	1382.5	1382.5	1384.5	1384.5	1384.5	1384.5	1384.5	1384.5	1384.5
7.5°	1372.8	1372.8	1374.7	1374.7	1376.7	1376.7	1376.7	1378.6	1378.6	1378.6	1378.6
10°	1363.0	1363.0	1365.0	1366.9	1366.9	1368.9	1368.9	1370.8	1370.8	1372.8	1372.8
12.5°	1347.4	1347.4	1351.3	1353.3	1353.3	1355.2	1357.2	1359.1	1359.1	1361.1	1361.1
15°	1327.9	1329.9	1331.8	1335.7	1337.7	1341.6	1341.6	1345.5	1347.4	1347.4	1349.4
17.5°	1304.5	1308.4	1312.3	1314.3	1318.2	1322.1	1324.0	1327.9	1331.8	1331.8	1333.8
20°	1279.2	1283.1	1288.9	1290.9	1294.8	1300.6	1302.6	1306.5	1310.4	1314.3	1314.3
22.5°	1251.9	1255.8	1259.7	1265.5	1269.4	1275.3	1279.2	1285.0	1290.9	1290.9	1294.8
25°	1216.8	1222.6	1228.5	1232.4	1238.2	1246.0	1251.9	1255.8	1263.6	1265.5	1267.5
27.5°	1179.7	1185.6	1193.4	1197.3	1205.1	1212.9	1220.7	1228.5	1234.3	1236.3	1240.2
30°	1140.7	1146.6	1154.4	1162.2	1170.0	1179.7	1187.5	1195.3	1205.1	1205.1	1209.0
32.5°	1101.7	1109.5	1117.3	1123.2	1131.0	1142.7	1152.4	1160.2	1168.0	1171.9	1175.8
35°	1058.8	1068.6	1076.4	1082.2	1092.0	1103.7	1113.4	1121.2	1131.0	1134.9	1140.7
37.5°	1012.0	1019.8	1031.5	1039.3	1053.0	1058.8	1070.5	1078.3	1092.0	1095.9	1099.8
40°	967.2	973.0	984.7	992.5	1002.3	1015.9	1025.7	1039.3	1049.1	1051.0	1056.9
42.5°	916.5	928.2	936.0	943.8	953.5	967.2	976.9	990.6	1004.2	1006.2	1012.0
45°	867.7	877.5	885.3	895.0	904.8	918.4	932.1	943.8	953.5	957.4	963.3
47.5°	815.1	826.8	834.6	846.3	858.0	867.7	881.4	893.1	902.8	904.8	912.6
50°	764.4	774.1	780.0	789.7	805.3	815.1	824.8	840.4	848.2	854.1	858.0
52.5°	711.7	717.6	727.3	741.0	750.7	762.4	770.2	783.9	793.6	797.5	805.3
55°	659.1	666.9	670.8	680.5	696.1	702.0	717.6	725.4	739.0	739.0	742.9
57.5°	600.6	610.3	616.2	629.8	639.6	647.4	657.1	668.8	678.6	680.5	686.4
60°	547.9	555.7	561.6	575.2	583.0	590.8	600.6	612.3	620.1	622.0	629.8
62.5°	491.4	495.3	501.1	516.7	520.6	530.4	544.0	551.8	561.6	563.5	567.4
65°	436.8	442.6	444.6	456.3	460.2	468.0	481.6	489.4	495.3	499.2	499.2
67.5°	382.2	386.1	391.9	401.7	403.6	411.4	423.1	430.9	436.8	440.7	440.7
70°	325.6	331.5	337.3	347.1	347.1	356.8	364.6	372.4	380.2	382.2	384.1
72.5°	274.9	280.8	284.7	292.5	294.4	302.2	310.0	317.8	323.7	325.6	329.5
75°	228.1	230.1	232.0	239.8	241.8	253.5	257.4	263.2	269.1	271.0	271.0
77.5°	181.3	183.3	185.2	191.1	195.0	200.8	204.7	210.6	216.4	214.5	222.3
80°	138.4	138.4	140.4	146.2	150.1	154.0	157.9	161.8	165.7	167.7	173.5
82.5°	101.4	99.4	99.4	105.3	107.2	107.2	113.1	117.0	120.9	124.8	122.8
85°	70.2	68.2	68.2	70.2	70.2	74.1	76.0	78.0	81.9	83.8	83.8
87.5°	44.8	42.9	40.9	42.9	40.9	42.9	44.8	46.8	48.7	50.7	52.6
90°	29.2	25.3	23.4	23.4	21.4	21.4	21.4	21.4	23.4	23.4	25.3
92.5°	19.5	17.5	15.6	13.6	11.7	9.7	7.8	7.8	9.7	9.7	9.7
95°	13.6	11.7	9.7	7.8	5.8	5.8	3.9	1.9	1.9	1.9	1.9
97.5°	9.7	7.8	5.8	5.8	3.9	1.9	1.9	0.0	0.0	0.0	0.0
100°	5.8	3.9	3.9	1.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	3.9	1.9	1.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	1.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571944

CATALOG NUMBER: 22ID-40-L830-SWD

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571944

CATALOG NUMBER: 22ID-40-L830-SWD

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1388.4	1388.4	1388.4	1388.4
2.5°	1386.4	1386.4	1388.4	1386.4
5°	1384.5	1384.5	1386.4	1384.5
7.5°	1378.6	1378.6	1378.6	1378.6
10°	1372.8	1372.8	1374.7	1372.8
12.5°	1363.0	1365.0	1365.0	1365.0
15°	1351.3	1351.3	1351.3	1351.3
17.5°	1333.8	1335.7	1339.6	1337.7
20°	1316.2	1318.2	1322.1	1320.1
22.5°	1296.7	1298.7	1300.6	1298.7
25°	1271.4	1273.3	1275.3	1275.3
27.5°	1244.1	1249.9	1249.9	1248.0
30°	1212.9	1220.7	1222.6	1220.7
32.5°	1179.7	1187.5	1189.5	1187.5
35°	1146.6	1150.5	1156.3	1154.4
37.5°	1103.7	1111.5	1117.3	1117.3
40°	1062.7	1072.5	1076.4	1076.4
42.5°	1021.8	1025.7	1031.5	1031.5
45°	973.0	978.9	984.7	986.7
47.5°	920.4	928.2	932.1	934.0
50°	867.7	875.5	879.4	881.4
52.5°	815.1	819.0	824.8	826.8
55°	754.6	760.5	766.3	768.3
57.5°	694.2	702.0	705.9	707.8
60°	633.7	643.5	647.4	647.4
62.5°	575.2	581.1	585.0	583.0
65°	514.8	520.6	522.6	522.6
67.5°	448.5	456.3	458.2	458.2
70°	390.0	395.8	399.7	397.8
72.5°	333.4	339.3	341.2	341.2
75°	278.8	282.7	284.7	286.6
77.5°	224.2	230.1	232.0	235.9
80°	173.5	179.4	183.3	187.2
82.5°	128.7	132.6	138.4	140.4
85°	87.7	93.6	97.5	99.4
87.5°	54.6	58.5	62.4	66.3
90°	27.3	31.2	35.1	39.0
92.5°	11.7	13.6	15.6	19.5
95°	3.9	3.9	5.8	5.8
97.5°	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0

TEST NUMBER: P571944

CATALOG NUMBER: 22ID-40-L830-SWD

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0

TEST NUMBER: P571944

CATALOG NUMBER: 22ID-40-L830-SWD

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	16.15	17.78	16.53	18.10	18.43	15.03	16.65	15.40	16.98	17.30
	3H	17.88	19.35	18.27	19.69	20.06	16.62	18.09	17.01	18.43	18.80
	4H	18.53	19.91	18.93	20.27	20.66	17.21	18.59	17.61	18.95	19.34
	6H	19.01	20.30	19.43	20.67	21.08	17.64	18.93	18.06	19.30	19.71
	8H	19.18	20.41	19.61	20.81	21.22	17.78	19.01	18.22	19.41	19.82
	12H	19.30	20.48	19.74	20.87	21.31	17.88	19.06	18.32	19.45	19.89
4H	2H	16.60	17.99	17.01	18.35	18.73	15.66	17.04	16.07	17.40	17.79
	3H	18.55	19.71	18.97	20.12	20.53	17.46	18.62	17.87	19.03	19.44
	4H	19.32	20.38	19.76	20.80	21.25	18.16	19.21	18.60	19.64	20.08
	6H	19.95	20.87	20.41	21.32	21.79	18.71	19.63	19.17	20.08	20.55
	8H	20.17	21.03	20.64	21.49	21.96	18.89	19.75	19.36	20.21	20.68
	12H	20.35	21.13	20.83	21.61	22.09	19.03	19.81	19.52	20.30	20.78
8H	4H	19.54	20.40	20.01	20.85	21.33	18.47	19.33	18.94	19.78	20.26
	6H	20.27	21.00	20.77	21.49	21.98	19.12	19.85	19.62	20.34	20.83
	8H	20.57	21.22	21.09	21.73	22.23	19.37	20.02	19.89	20.54	21.03
	12H	20.83	21.41	21.34	21.90	22.48	19.59	20.17	20.10	20.66	21.24
12H	4H	19.55	20.33	20.04	20.82	21.30	18.51	19.28	18.99	19.77	20.25
	6H	20.30	20.96	20.82	21.47	21.97	19.18	19.83	19.70	20.35	20.85
	8H	20.66	21.23	21.17	21.73	22.30	19.49	20.07	20.01	20.57	21.14